FORMER CARTER CARBURETOR FACILITY
ST. LOUIS, MISSOURI

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U. S. EPA Region VII

I. INTRODUCTION

A. Site Location

The former Carter Carburetor Manufacturing Facility is located at 2800 - 2840 N. Spring Street in St. Louis, Missouri (Attachment A: Site Location Map)

B. Site Description

The former Carter Carburetor facility manufactured carburetors and other parts for gasoline and diesel powered equipment dating back to the 1930's. Aluminum and zinc were die cast and machined into carburetor components. These components were treated with protective coatings and assembled on site. Materials related to this manufacturing process may have included polymers and resins for coatings and metal treating solutions containing cyanide, lead, cadmium, chromium, and other metals. Materials relating to the manufacturing equipment included coolants, cutting fluids, lubrication and hydraulic oils, dielectric fluids from transformers, and possibly asbestos.

C. Site History

Carter Carburetor and Carter Automotive Products were subsidiaries of ACF Industries, Inc. ACF acquired the site property prior to 1930's. The previous owners are unknown at this time. In the mid-1980's, ACF decommissioned the facility and the equipment was dismantled and either shipped to new locations or sold. On April 26, 1985, the Land Reutilization Authority of St. Louis (LRA) accepted title of the property from ACF and immediately sold the property to Hubert R. Thompson on the same day. Mr. Thompson was informed by the LRA that there was electrical equipment on site that contained polychlorinated biphenyl (PCB) fluids. On October 29, 1991, the site was sold to Mr. George Moore, president of Carter Building Inc. (CBI), after Mr. Thompson defaulted on the property loan. Currently, CBI owns most of the facility and the St. Louis LRA owns the northeastern portion of the facility. Mr. Moore indicated that the southeast corner of the second floor of the building is rented to a plastics company and the northwest end of the first floor is rented to a metal fabricating company

Areas within the CBI property suspected of high levels of PCB contamination include a vaulted pump room near the center of the building that contained pumps, old boilers, and other equipment. This room formerly housed electrical sub-station # 1 and is a known area of PCB contamination. During a prior cleanup activity in this area,

initiated by Mr. Thompson, contractors removed PCB transformers and a PCB contaminated concrete transformer pad. A floor drain near the northwest corner of the concrete removal area is also known from previous studies to be contaminated with PCB's. Based on the location of city sewers, it is thought that this drain is connected to a twelve inch sewer line flowing south along Spring street. At the east wall of the warehouse area is an interior drive through door leading to the LRA property. Prior studies have indicated that a PCB spill occurred just on the other side of this door below electrical sub-station # 3 which is located on the roof of LRA property.

Areas within the LRA property suspected of high levels of PCB contamination include the area around and below the transformers at sub-station # 3 located on the second floor roof of the LRA building where it butts up to CBI property. As mentioned above, prior studies have indicated that this sub-station has leaked PCB contaminated fluid down the side of the wall on to the floor LRA property. Another platform mounted sub-station, sub-station # 4, near the north west corner of the LRA building, was also known to be contaminated with PCB. A floor plan of the former Carter Carburetor facility is presented as Attachment B.

On January 6, 1994, a site assessment was conducted by the Ecology & Environment, Inc., Technical Assistance Team (TAT), as tasked by the United States Environmental Protection Agency (EPA). The results of the site assessment indicated that areas associated with the transformer substations were all contaminated with PCBs. These areas include floor drains, storm water run-off areas, walls, and floors located in high traffic areas currently used by CBI employees. See the site sketch (Attachment B) for locations of all samples.

Table 1 summarizes all samples collected during the site assessment. All wipe samples were taken from four separate 25 cm2 areas for a total of 100 cm2 surface area using templates and cotton gauze pads saturated with hexane. The water sample was collected in an 80 oz jug. All solids and waste oil samples were collected in 8 oz jars. Standard field documentation, including sample tags, field sheets, and chain-of-custody procedures were followed. All samples were packed on ice in a cooler and delivered to the EPA Region VII laboratory in Kansas City, Kansas.

TABLE 1
NOVEMBER 16, 1993

Sample #	Media	Location	Analysis
RZ1JJ001	soil	Concrete removal area	PCB, percent solids
RZ1JJ002	soil	Floor drain sediment	" "
RZ1JJ003	soil	Outside under sub-station #4 platform	" "
RZ1JJ004	water	Pooled on floor in CBI	PCBs
RZ1JJ005	wipe	East of concrete removal area	PCBs
RZ1JJ005	wipe	Duplicate of RZIJJ005	"
RZ1JJ006	wipe	Pump room entrance	"
RZ1JJ007	wipe	Pump room east end	"

RZ1JJ008	wipe	Field blank	"
RZ1JJ009	wipe	Outside south wall of Pump room in breezeway	"
RZ1JJ010	wipe	Near door to LRA property in CBI building	"
RZ1JJ011	waste	East drum under Substation #4	PCBs in oil
RZ1JJ012	waste	West drum under Substation #4	" " "
RZ1JJ013	wipe	Substation #4 runoff area	PCBs
RZ1JJ014	wipe	Walls under Substation #3	"
RZ1JJ015	wipe	Transformer surfaces, at Substation #3	"

JANUARY 6,1994

Sample #	Media	Location	Analysis
RZ2JJ001	wipe	Floor outside south wall of pump room	PCBs
RZ2JJ002	wipe	Transformer Surfaces, at Substation #3	"
RZ2JJ003	wipe	Equipment surfaces south Die Cast room	PCBs
RZ2JJ004	soil	Dust, south Die Cast room	percent solids total metals, PCBs
RZ2JJ005	soil	Dust, north Die Cast room	percent solids total metals, PCBs

Table 2 presents an overview of the PCB levels detected in the samples that exceed the Toxic Substances Control Act (TSCA) cleanup levels of 10 ug/100cm2 for wipe samples and 10 mg/kg for soil samples.

TABLE 2

Sample #	AROCLOR 1260	AROCLOR 1248	AROCLOR 1254
RZ1JJ001	29 mg/kg	—	--
RZ1JJ002	4,800 mg/kg	—	--
RZ1JJ003	180,000 mg/kg	--	--
RZ1JJ004	15 ug/L	230 ug/L	130 ug/L
RZ1JJ005	720 ug/100cm2	--	300 ug/100cm2
RZ1JJ005D	320 ug/100cm2	--	70 ug/100cm2
RZ1JJ006	430 ug/100cm2	--	--
RZ1JJ007	8 ug/100cm2	23 ug/100cm2	17 ug/100cm2
RZ1JJ008	—	--	--
RZ1JJ009*	160 ug/100cm2	140 ug/100cm2	100 ug/100cm2
RZ1JJ010	660 ug/100cm2	3200 ug/100cm2	1700 ug/100cm2
RZ1JJ011	620,000 mg/kg	—	—
RZ1JJ012	640,000 mg/kg	—	—
RZ1JJ013	200,000 ug/100cm2	--	—
RZ1JJ014	410,000 ug/100cm2	--	--

RZ1JJ015*	140,000 ug/100cm2	—	—
RZ2JJ001	57 ug/100cm2	160 ug/100cm2	--
RZ2JJ002	96,000 ug/100cm2	—	—
RZ2JJ003	13 ug/100cm2	59 ug/100cm2	--
RZ2JJ004	1100 mg/kg	1500 mg/kg	--
RZ2JJ005	7200 mg/kg	3000 mg/kg	--

* Sample areas not defined with template to 100cm2

II. OBJECTIVES AND SCOPE OF WORK

A. Objectives of Sampling Plan

The objectives of this sampling plan are to: 1) collect data on the potential for PCB exposure to personnel working at the facility, and 2) collect data that will further deliniate the extent of contamination in the building.

B. Scope of Work

The objectives will be accomplished by collecting: 1) ambient air samples in areas where personnel work, during a normal workshift, and 2) wipe sampling of floors and walls in high traffic areas where personnel work.

C. Data Quality Objectives

The data quality objective (DQO) for this project is to provide valid data of known and documented quality for use in determining the potential risk of exposure to PCB's that employees may be experiencing from working in the sublet portions of the CBI building and for use in further delineating the extent of contamination that may be present in other areas of the building. Quality Assurance Level 2(QA2) will be met by definitive identification of PCB levels in all samples. QA/QC samples to be submitted will include one duplicate wipe sample per 20 field samples, one blank wipe sample, one outdoor upwind background air sample, and one blank air sample. All calculations will be performed as described in the EPA Environmental Services Division's Labor and Sample Tracking (LAST) user's guide.

D. Levels of Concern

The concerns at this site are PCB contamination of surfaces and the air. The Toxic Substances Control Act (TSCA) cleanup criteria for PCBs when human exposure is possible is 10 micrograms per 100 centimeters squared ($\mu g/100cm^2$), which will be the level of concern for the wipe samples. Air sample data will be compaired to the Occupational Safety and Health Association (OSHA) 8 hour exposure limit of 1 mg/m3 for AROCLOR 1242 and 0.5 mg/m3 for AROCLOR 1254.

Detection limits achievable by routine analytical methods to determine the potential presence of PCBs will be suitable for this sampling objective.

III. LOGISTICS

A. Personnel Requirements

The OSC will direct site activities. One Technical Assistance Team (TAT) member will be required to perform the sampling and document site activities.

B. Equipment Requirements

The personal protective equipment (PPE) required for the sampling activities will be Level C, as described in the Agency's Standard Operating Safety Guides. The equipment required for the sampling activities, as described in Section IV of this report, are itemized in the TAT Site Safety Plan (SSP).

C. Scheduling and Time Requirements

The activity is tentatively scheduled for mobilization on March 7, 1994, pending approval of the work plan. Sampling will require one or two days. All samples will be submitted to Region VII's EPA Laboratory for routine, 4-week turnaround time analysis. A report will be completed promptly after all data becomes available.

D. Access

Site Access has already been obtained by the EPA.

E. Media/Public Inquiries

All inquiries will be referred to the OSC or the EPA Region VII Office of Public Affairs.

IV. PROPOSED FIELD ACTIVITIES

A. Sampling Rationale, Locations and Methodology

Some of the interior surfaces of the facility are contaminated by PCBs at levels above the TSCA cleanup criteria of 10 ug/cm^2 and may pose a health risk to personnel working at the facility. The PCBs can also migrate outside the facility through tracking by personnel and equipment as well as through the sewer system or storm water run-off that may have become contaminated with PCB.

The proposed sampling activities include the collection of ambient air samples from the interior of the facility during a normal work shift of 10 hours. One General Metal Works Modified High-Volume PS-1 Sampler (PS-1 Sampler) will be set up in heavy traffic areas of each of the facilities currently being utilized. The areas include the plastics manufacturing Co., the metal fabrication Co., and Mr. George Moore's office area. One PS-1 Sampler will be set up wind outside the facility in order to collect an outside background air sample for a period of ten hours. A PS-1 Sampler field blank will also be collected. The sampler will consist of a glass fiber filter (GFF) for the collection of

particulates, and a polyurethane foam (PUF) backup absorbent cartridge to sample the ambient air, following sampling procedures described in EPA Method TO4 (Reference 4) and SOP #FA113C (Reference 3). The samplers will be calibrated with a flow rate to allow for a sample volume of approximately 2,000 liters. Analytical results from the air samples will be used to assess the general air quality inside the facility with regards to airborne PCBs, as well as the potential for exposure of personnel through airborne PCB inhalation.

Ten wipe samples using a 3 by 3 inch hexane soaked Gauze pad will be randomly collected from the surfaces inside the currently utilized facilities, following procedures in ERT SOP #2011 (Reference 3). Analytical results from the wipe samples will be used to assess the potential for employee exposer and the potential for PCB migration outside of the facility. Twelve wipe samples will be collected from areas not previously sampled to further delineate the extent of contamination throughout the entire building as well as assess the potential for personnel exposure. The following is a summary of sample locations.

No. of Samples	Sample Location
4	Plastics Co., high traffic areas
2	Mr. George Moores office, high traffic areas
4	Metal fabrication Co., high traffic areas
2	1st floor warehouse, south of breezeway
4	2nd floor warehouse areas
4	3rd floor warehouse areas
2	LRA property at south end of building

B. Quality Control Samples

One blank wipe sample will be collected and analyzed for PCBs. One background air sample will be collected and one blank (GFF/PUF) air sample will be submitted for PCB analysis.

C. Decontamination Procedures

Decontamination of personnel and equipment is addressed in the attached SSP. Briefly, reusable PPE and sampling equipment will undergo an alconox water wipe and water tovelette rinse and wiped dry. All expendable PPE equipment will be bagged and left on site.

D. Disposal of Investigation-derived Wastes

As mentioned, all disposable PPE and equipment will be double-sealed in plastic bags, labeled and left on site.

E. Sample Containers, Preservation and Holding Times

All wipe samples will be collected in 8 oz jars. The HiVol PS-1 Air samples will be packaged in 32oz jars for shipment to the lab. All samples will be preserved at 4°C and held for PCB extraction analyses no

longer then 7 days.

F. Field Documentation , Sample Shipment and Chain of Custody

Field documentation, sample shipment and chain of custody will be in accordance with Region VII EPA SOPS #2130.2A and #2130.3A (Reference 3). Additional information necessary for the air monitoring will be in accordance with the aforementioned air sampling SOPs. All sample containers will be labeled with LAST-generated field sheets. The time of collection, location, sample area size, and other relevant documentation will be recorded on field sheets produced by the EPA LAST system. A site documentation logbook will be maintained for the recording of all site activities.

V. ANALYTICAL PROCEDURES

A. Requested Analysis/Target Detection Limits

All samples will be submitted to Region VII EPA Laboratory for PCB analysis.

The analytical method to be employed for the detection of PCBs in the PS-1 GFF/PUF samples will be EPA Method T04 (Reference 4). EPA will be requested to determine the appropriate analytical methods for the wipe samples, as per OSWER Directive SW-846 (Reference 2) or an equivalent methodology. An Analytical Services Request (ASR) form will be submitted with final sampling plan, prior to field activities, delineating the required levels of concern for each media, to ensure that method detection limits will be satisfactory.

B. Data Reviev, Validation, and Reporting

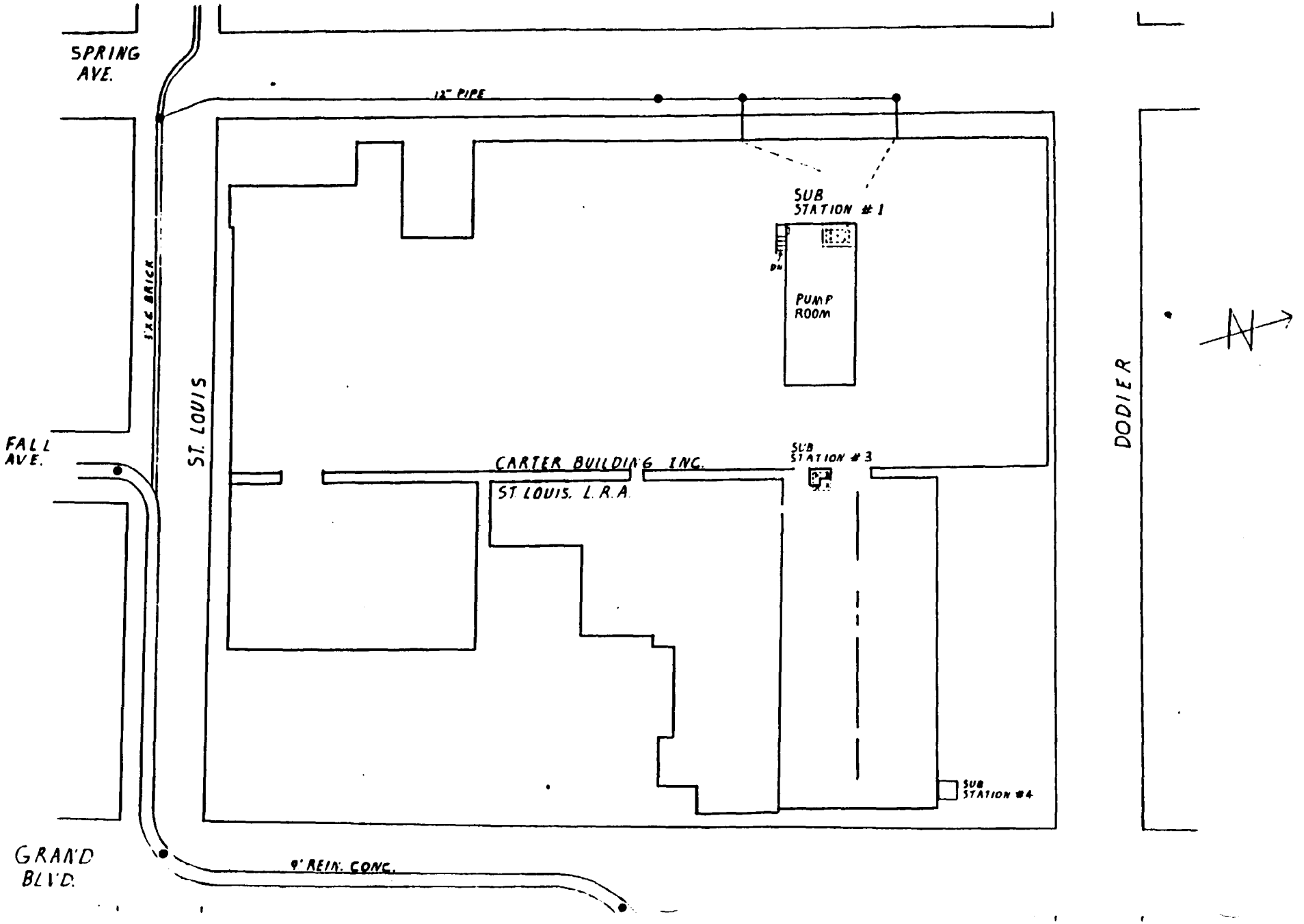
Data reviev, validation, and reporting procedures for samples submitted to the laboratory for analysis are included in SOP #1610.4A (Reference 3). Data will undergo Level 2 data review, as defined in SOP #1610.2A (Reference 3). Analytical data review and validation will be performed by the EPA Region VII Contract Laboratory Quality Assurance (CLQA) Section. Data passing analytical validation will undergo a second and final review/validation process based on acceptability of the field components of the data collection process. Valid data results will then be made available to the OSC and will be entered into LAST.

ATTACHMENTS

A) Site Location Map
B) Floor Plan
C) List of References

ATTAC ENT A

FORMER CARTER CARBURETOR SITE

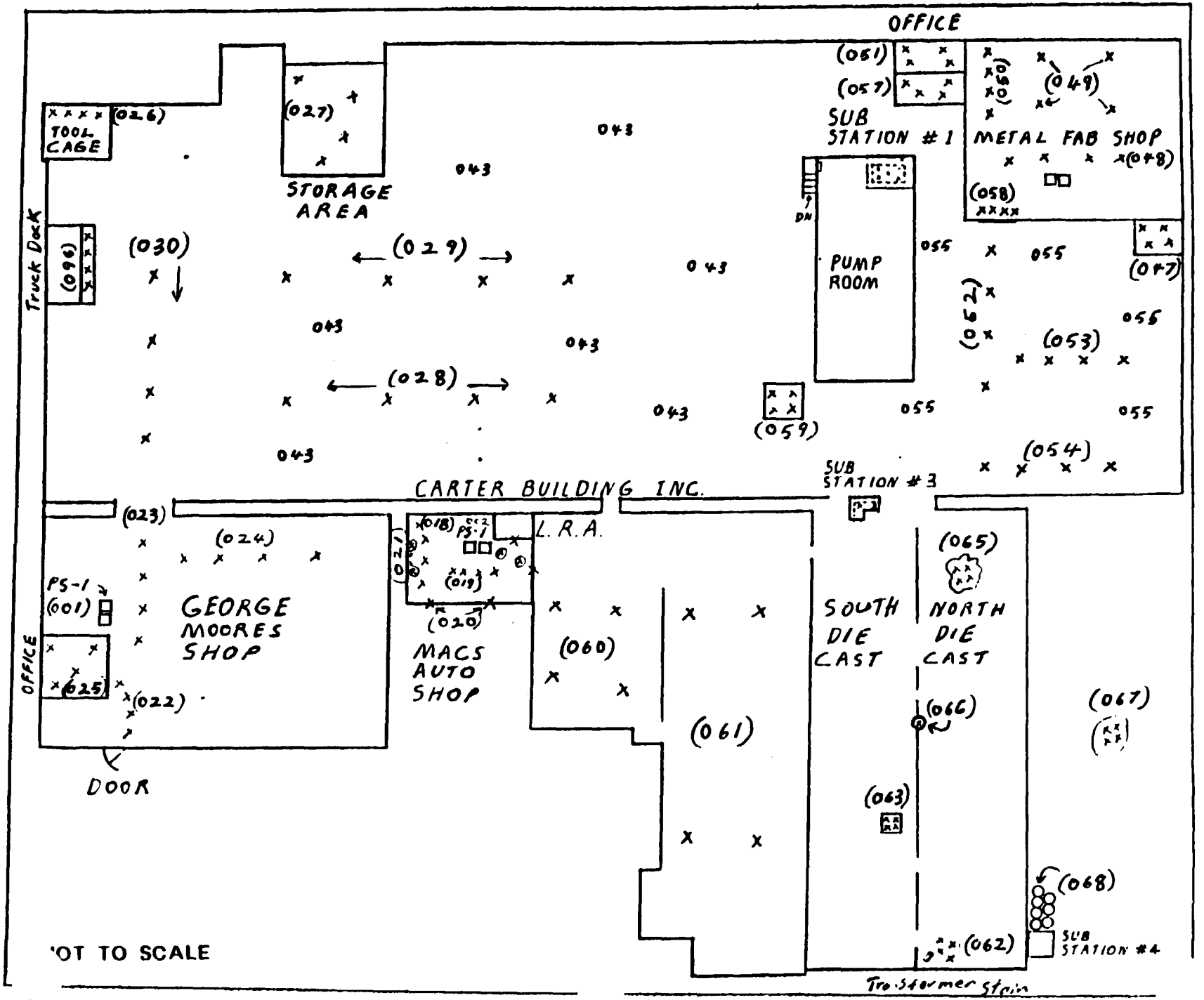


ATTACHMENT B

ATTACHMENT B

FORMER CARTER C RBURETOR SITE

FIRST FLOOR



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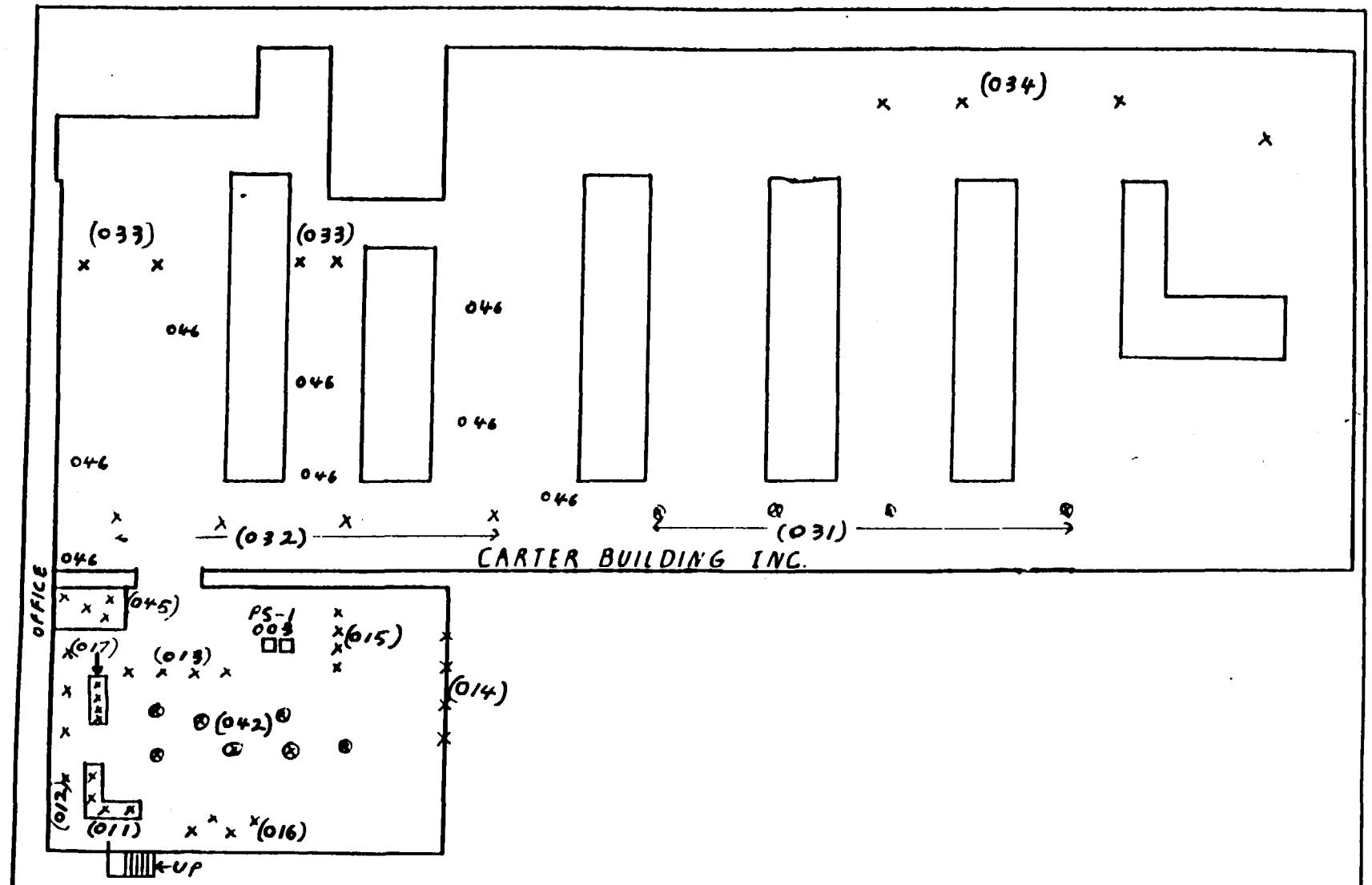
FORMER CARTER CARBURETOR SITE

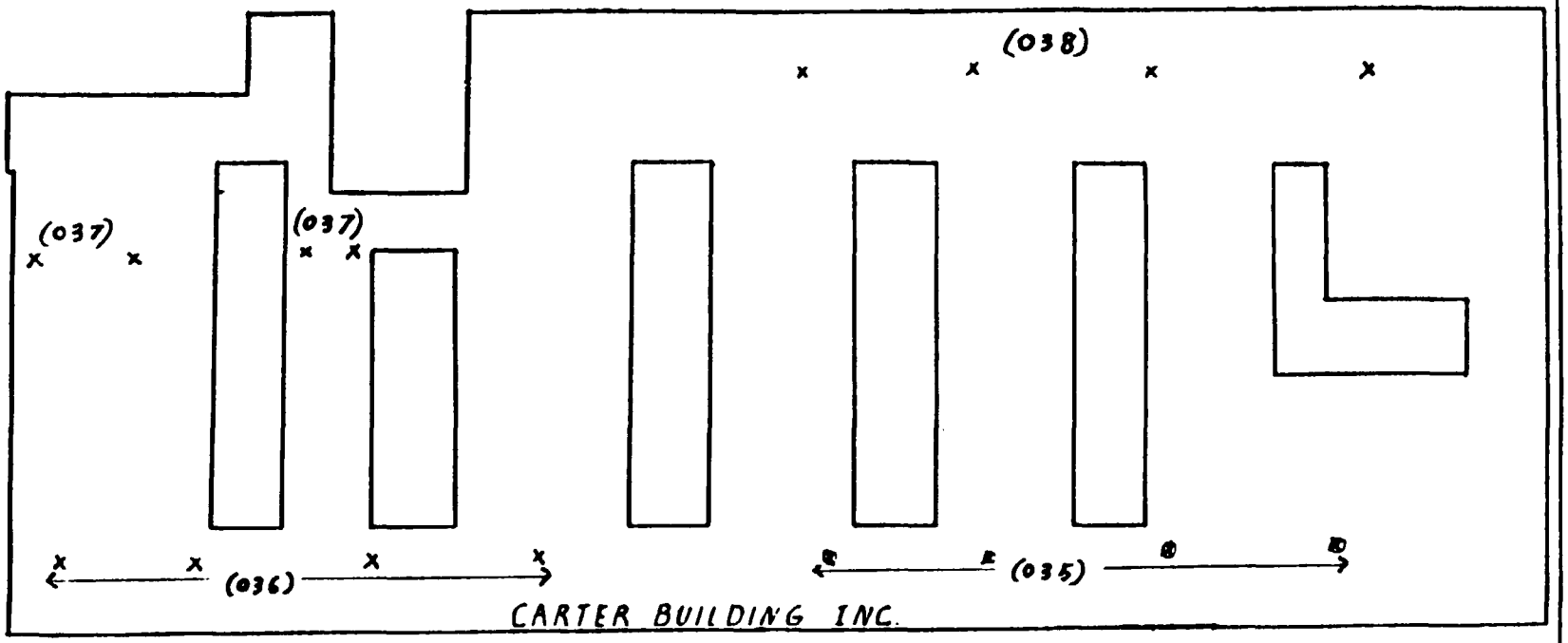
SECOND FLOOR



NOT TO SCALE

ATTACHMENT B

THIRD FLOOR



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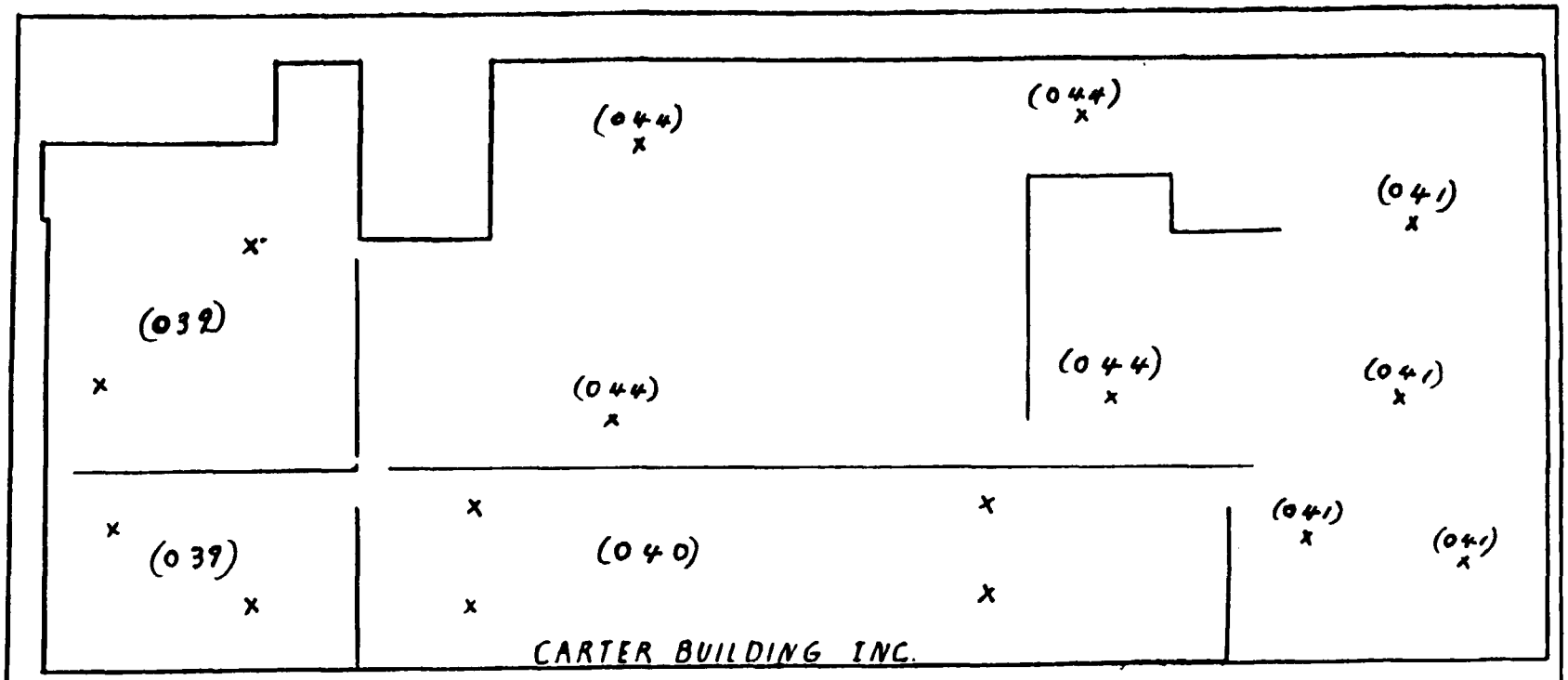
FORMER CARTER CARBURETOR SITE

ATTACHMENT B

FOURTH FLOOR



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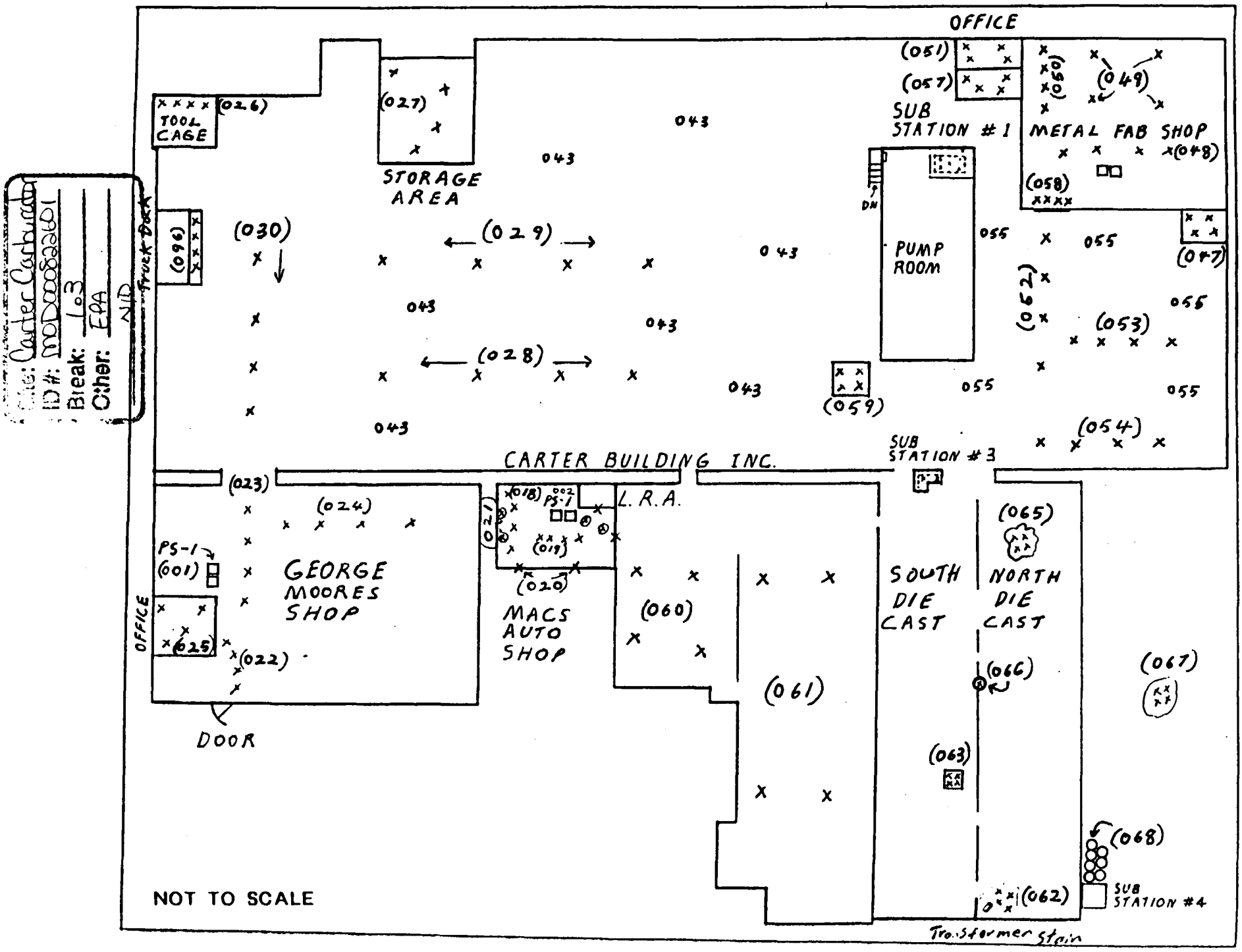
FORMER CARTER \RBURETOR SITE

FIRST FLOOR



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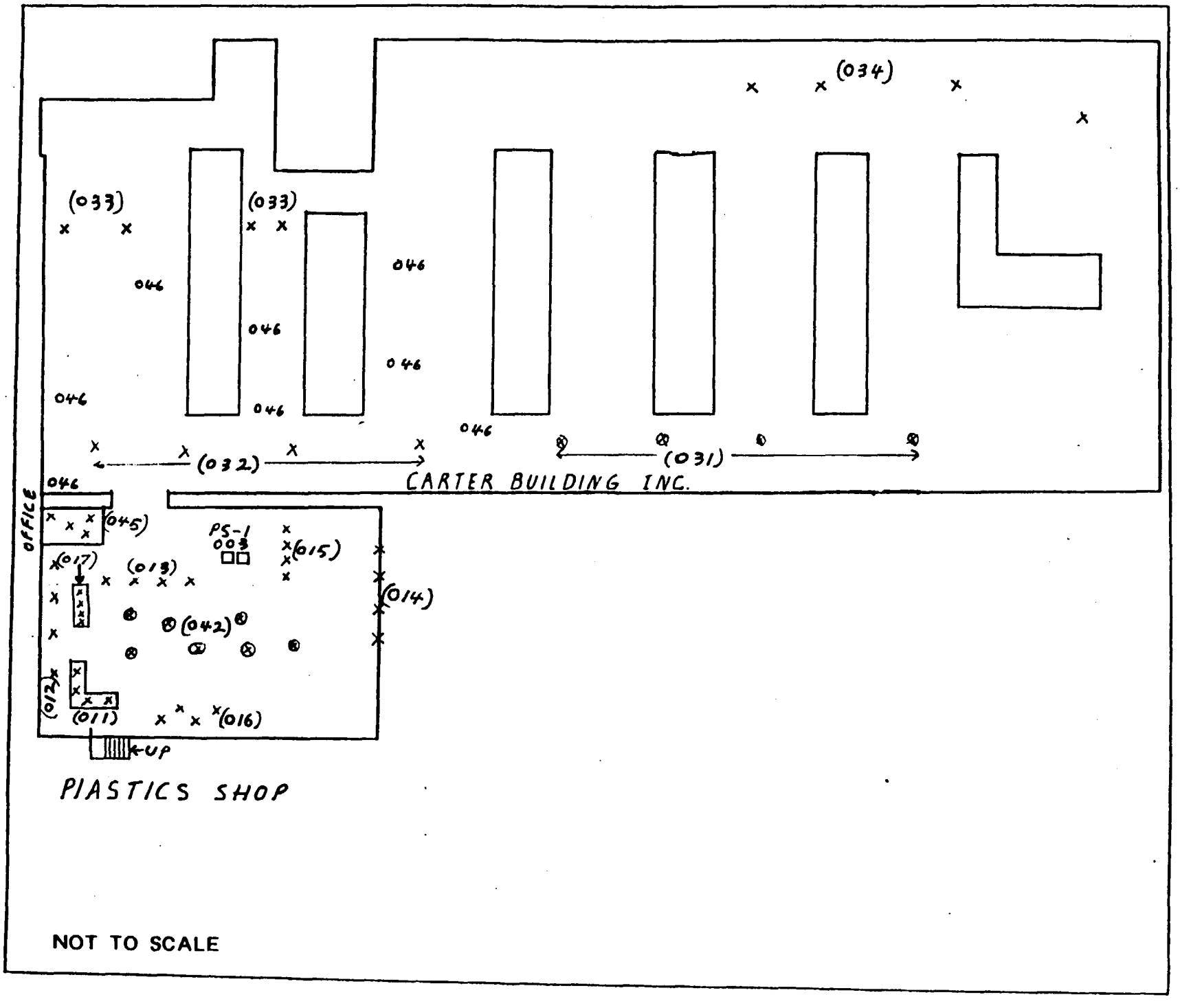
FORMER CARTER CARBURETOR SITE

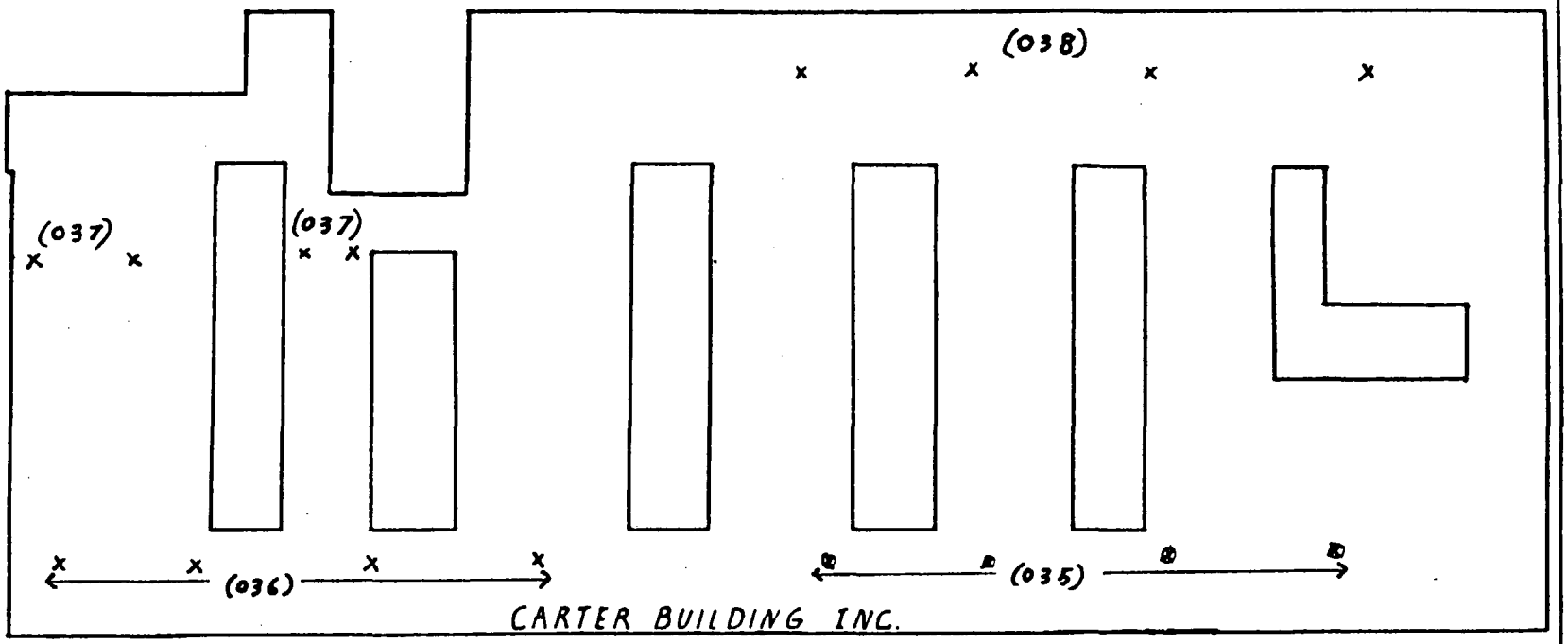
SECOND FLOOR



ATTACHMENT B

FORMER CARTER CARBURETOR SITE

THIRD FLOOR



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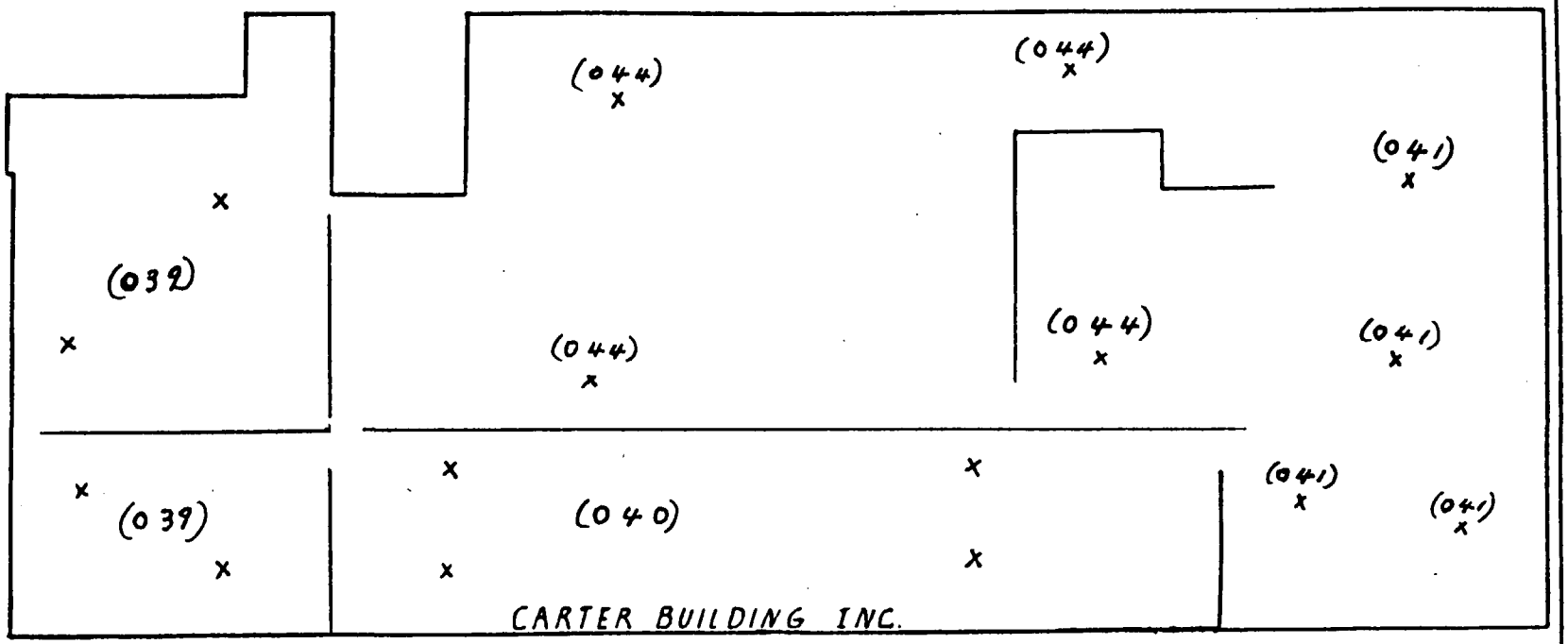
FORMER CARTER CARBURETOR SITE

FOURTH FLOOR



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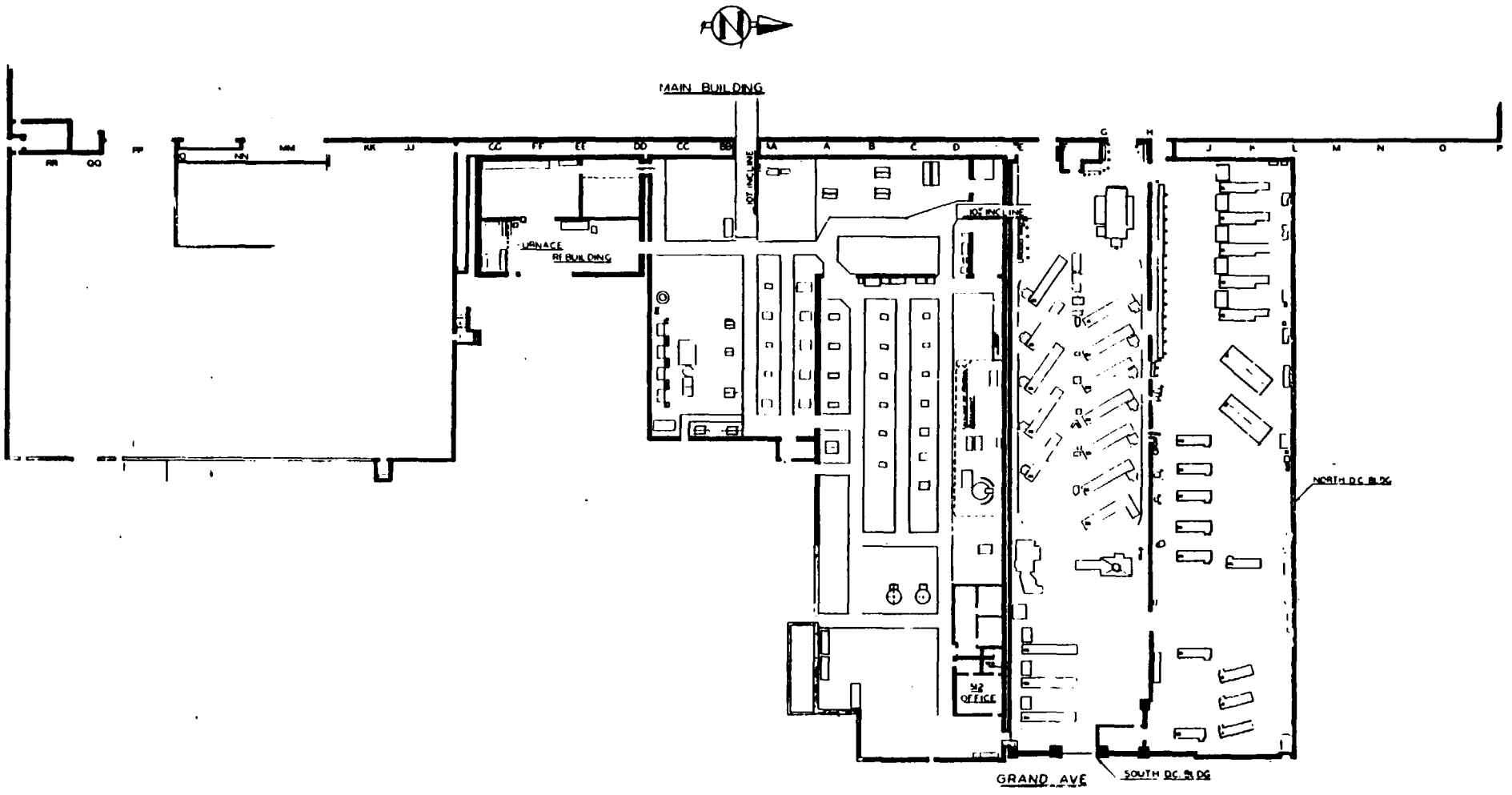


FIRST FLOOR MAIN PLANT

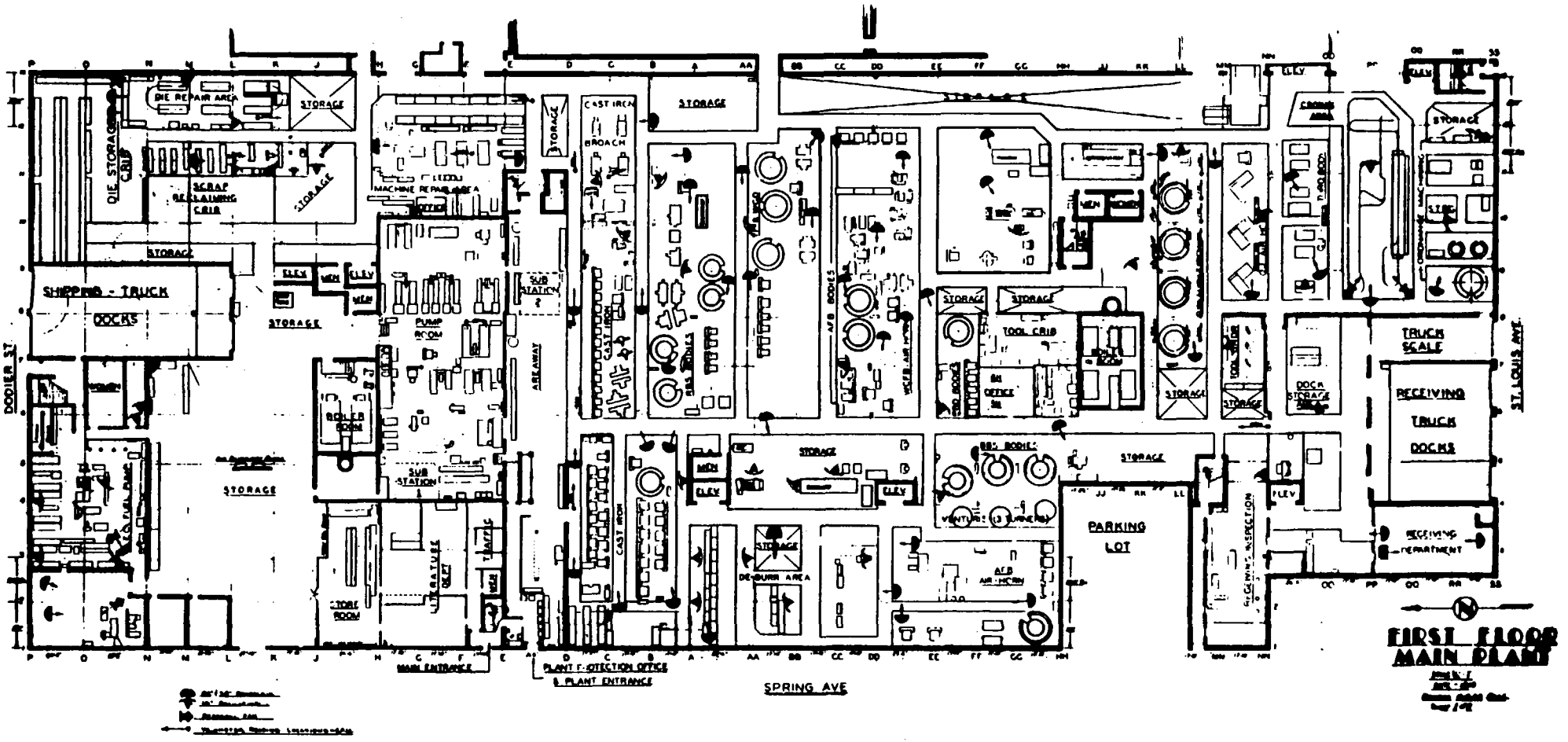
KUHS AND DIE CAST BLDGS.

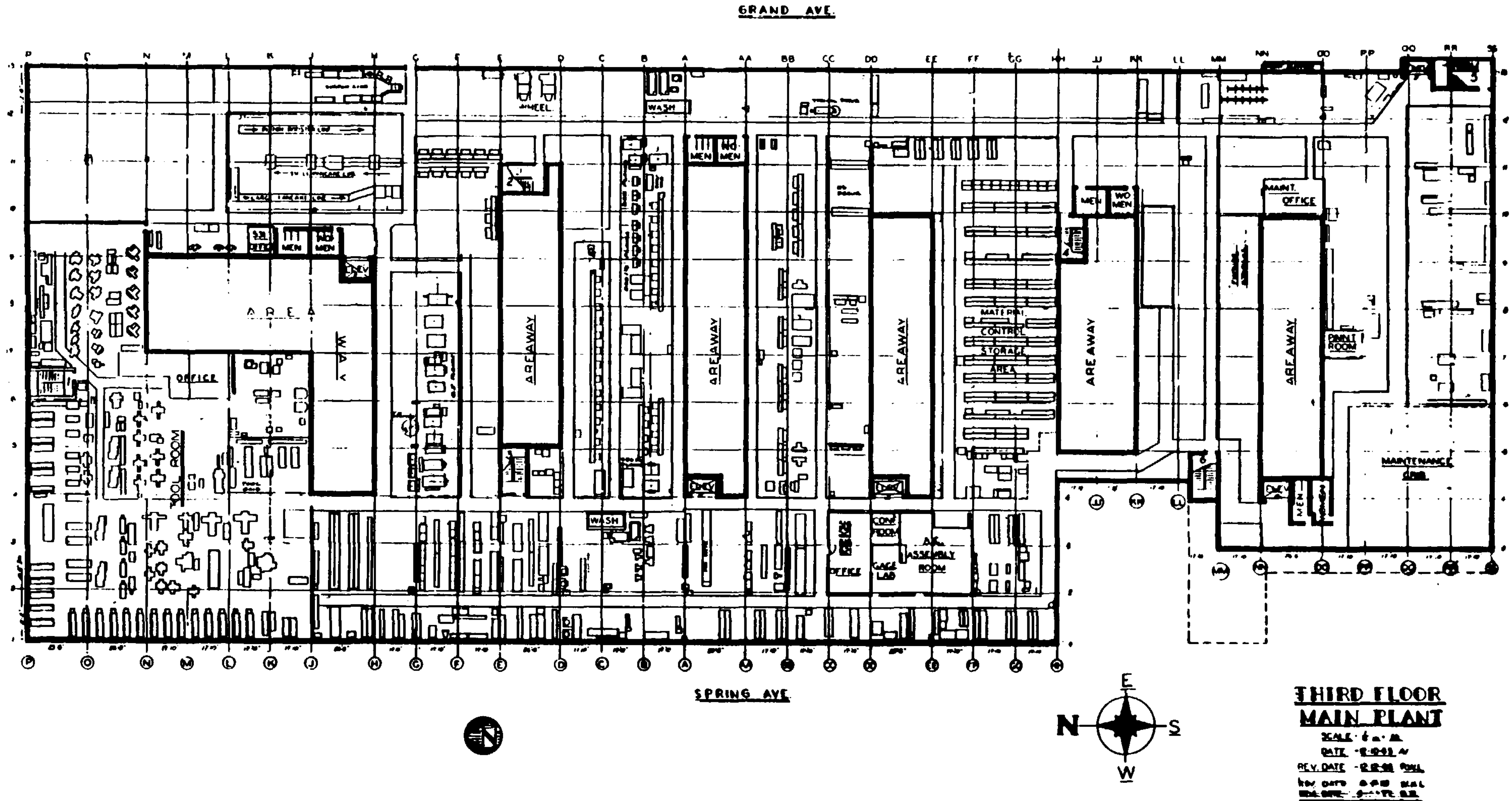
SCALE: 1/8"=1'

REV DATE 12-9-88

SHEET 2 OF 2

REV 3-15-77


DIE CAST BLDG. ON SHEET NO. 2
KUHS BLDG. ON SHEET NO. 2
DIE REPAIR AREA
STORAGE
DIE STORAGE CRIB
SCRAP RECLAIMING CRIB
SHIPPING - TRUCK DOCKS
MACHINE REPAIR AREA
SUB STATION
PUMP ROOM
AREAWAY
CAST IRON BROACH
CAST IRON
BROACH
TOOL CRIB
OFFICE
TRUCK SCALE
RECEIVING TRUCK DOCKS
RECEIVING DEPARTMENT
PARKING LOT
DE-BURR AREA
STORE ROOM
LITERATURE DEPT.
TRAFFIC
MAIN ENTRANCE
PLANT PROTECTION OFFICE & PLANT ENTRANCE
SPRING AVE
DODIER ST
ST. LOUIS AVE
FIRST FLOOR MAIN PLANT



THIRD FLOOR
MAIN PLANT

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
22	27.2 µg/100 cm^2	Floor outside of George Moore's Office (4 X 25 cm^2 wipes) between outsied door and office door
22-D	35.6 µg/100 cm^2	Duplicate of 22
23	51.0 µg/100 cm^2	Driveway directly in fromt of George Moore's Office - inside building.
24	30.2 µg/100 cm^2	Driveway N-s in warehouse near office.
28	124.3 µg/100 cm^2	East corridor
29	122.0 µg/100 cm^2	West corridor
30	89.0 µg/100 cm^2	Southern most corridor (E-W) drive area.
43	78 ppm	Dust sample (1170 ppm Pb) ; (573 ppm Cr); (51.3 ppm As)
52	29 µg/100 cm^2	South (E-W) corridor, just north of Pump Room.
53	2460 µg/100 cm^2	Central (N-S) corridor north end. North of pump room
54	909 µg/100 cm^2	NE end - east corridor north of pump room.
55	1500 ppm	Dust north end. North of pump room.
59	442 µg/100 cm^2	Floor under stairs by pump room. Stained area.
69	365 µg/100 cm^2	Loading dock south side of building.

DATA TABLE

CARTER CARBURATOR

2nd FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
31	51.5 $\mu g/100\ cm^2$	North end corridor. East warehouse.
32	8.8 $\mu g/100\ cm^2$	South end corridor. East warehouse.
33	42.1 $\mu g/100\ cm^2$	South end concourse area. West warehouse.
34	3.9 $\mu g/100\ cm^2$	North concourse area. West building
46	8.9 ppm	Dust

DATA TABLE

CARTER CARBURATOR

3rd FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
35	20.0 $\mu g/100\ cm^2$	East corridor north.
36	38.6 $\mu g/100\ cm^2$	East corridor south
37	102.0 $\mu g/100\ cm^2$	South concourse areas.
38	141.0 $\mu g/100\ cm^2$	North concourse areas.

DATA TABLE

CARTER CARBURATOR

4th FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
39	21.4 $\mu g/100\ cm^2$	South rooms - floor
40	ND	East or main room - floor
41	4.2 $\mu g/100\ cm^2$	North end locker room area
44	16.9 $\mu g/100\ cm^2$	Floor - west central

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING - CAGED AREA

SAMPLE #	RESULTS	COMMENTS
26	72.0 $\mu g/100\ cm^2$	Caged storage area.

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING - STAZP RECYCLING

SAMPLE #	RESULTS	COMMENTS
27	21.0 $\mu g/100\ cm^2$	West storage area.

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING - GEORGE MOORE'S OFFICE

SAMPLE #	RESULTS	COMMENTS
22	27.2 μg/100 cm^2	Floor outside office (4 X 25cm^2 wipes) between door and office .
22 - D	35.6 μg/100 cm^2	Duplicate sample of 22.
23	51.0 μg/100 cm^2	Driveway directly in front of office.
24	30.2 μg/100 cm^2	Driveway N-S in warehouse near office.
25	7.1 μg/100 cm^2	Floor wipe from inside office.

DATA TABLE

CARTER CARBURATOR

MAC'S AUTO SHOP

SAMPLE #	RESULTS	COMMENTS
18	4.8 μg/100 cm^2	Floor SW corner.
19	18.5 μg/100 cm^2	East room - floor wipe
20	ND	East room wall 5' high.
21	3.6 μg/100 cm^2	Shelves and desk tops.

DATA TABLE

CARTER CARBURATOR

LRA BUILDING

SAMPLE #	RESULTS	COMMENTS
60	33.1 $\mu g/100\ cm^2$	South end open area
61	136 $\mu g/100\ cm^2$	Center just south of die cast area
62	136000 $\mu g/100\ cm^2$	Stained area near transformer (32 gal) on floor - north die cast area
63	3300 ppm	Solids from machine mounting pad areas in south die cast area.
65	28400 $\mu g/100\ cm^2$	Stained area, north die cast room northwest protion of room.
66	61 $\mu g/l$	Water from sump - north die cast area
67	1600 ppm	Soil from north parking lot.
68	ND	Drum lableed '64' on norht parking lot.

DATA TABLE

CARTER CARBURATOR

Maintance Control Co. Inc.

SAMPLE #	RESULTS	COMMENTS
47	887 $\mu g/100\ cm^2$	Metal frabication area - stairway room N end, oily residue on floor.
48	21.1 $\mu g/100\ cm^2$	Floor east corridor
49	27.8 $\mu g/100\ cm^2$	Floor central corridor
50	23.2 $\mu g/100\ cm^2$	Floor south corridor, production area
51	1.3 $\mu g/100\ cm^2$	Main/front office
57	3.8 $\mu g/100\ cm^2$	Coffee room & back office floor
58	64.4 $\mu g/100\ cm^2$	Floor near doorway between betal shop & N end of common area. (drive through door)

DATA TABLE

CARTER CARBURATOR

Wilco Plastics

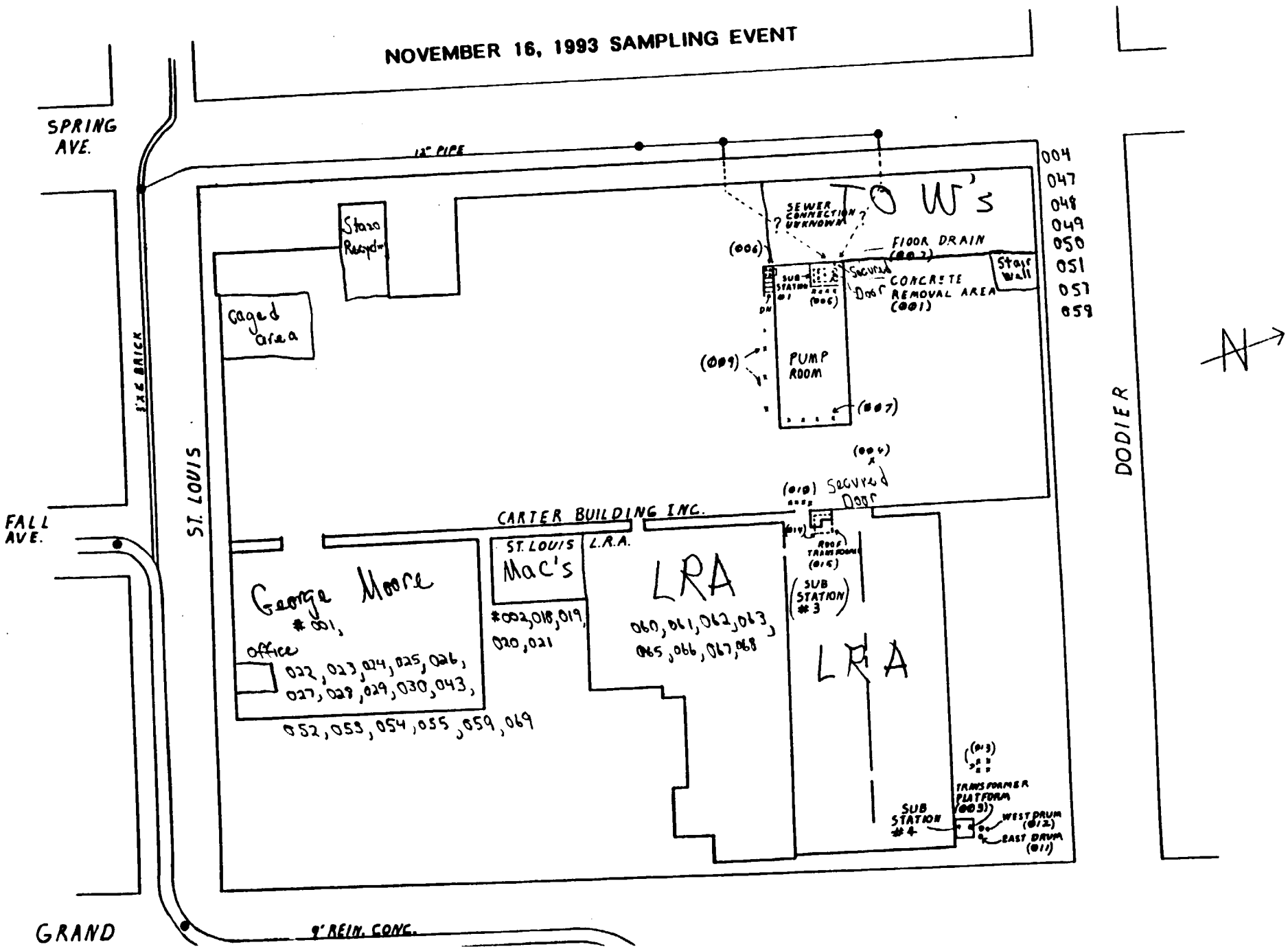
SAMPLE #	RESULTS	COMMENTS
11	ND	Sample from dust on wood crates SE corner.
12	ND	Sample from floor S. corridor
13	ND	West corridor - floor.
14	ND	North wall.
15	ND	Dust on overhead light fixtures
16	5.64 $\mu g/100\ cm^2$	Floor east corridor
17	2.4 $\mu g/100\ cm^2$	Desk surfaces - south corridor
42	- -	Not sampled for PCBs but high in Pb (2070 ppm); Cr (387); floor sample
45	0.52 $\mu g/100\ cm^2$	Desk south end etc.

1st floor

ATTACHMENT

FORMER CARTER CARBURETOR SITE

NOVEMBER 16, 1993 SAMPLING EVENT

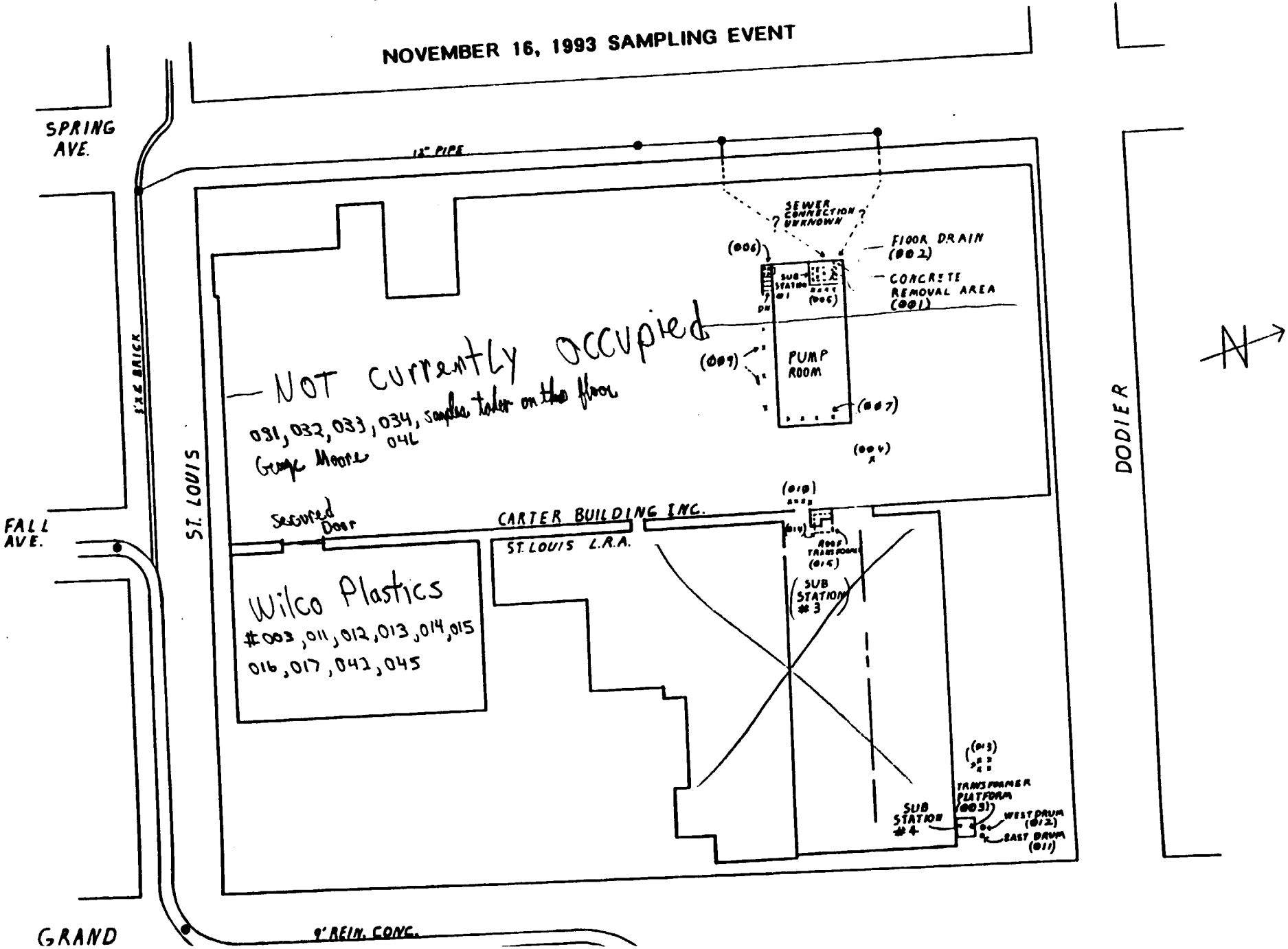


nd Floor

ATTACHMENT A

FORMER CARTER CARBURETOR SITE

NOVEMBER 16, 1993 SAMPLING EVENT

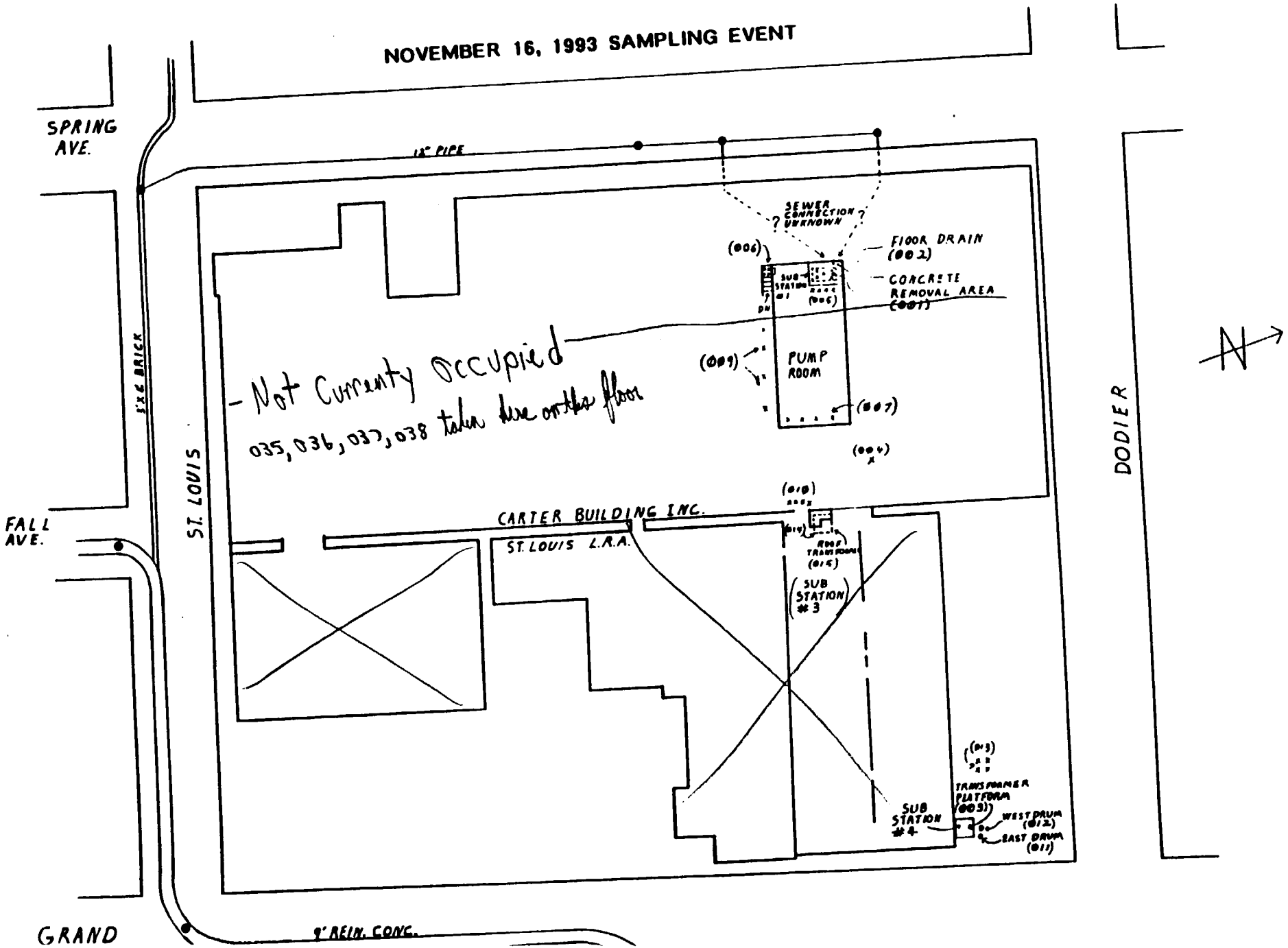


3rd floor

ATTACHMENT A

FORMER CARTER CARBURETOR SITE

NOVEMBER 16, 1993 SAMPLING EVENT

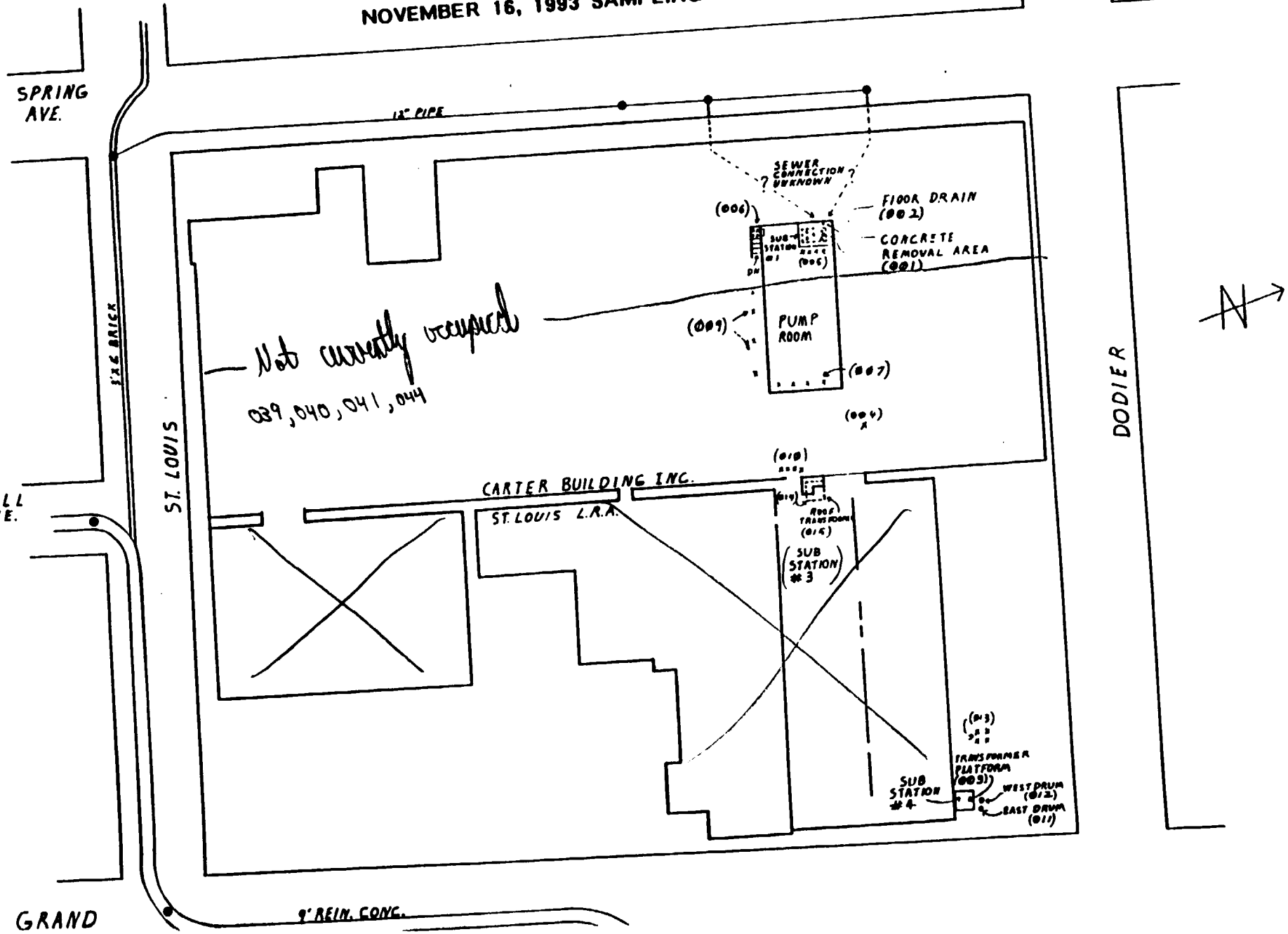


4th floor

ATTACHMENT

FORMER CARTER CARBURETOR SITE

NOVEMBER 16, 1993 SAMPLING EVENT



DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
22	27.2 $\mu g/100\ cm^2$	Floor outside of George Moore's Office (4 X 25 cm^2 wipes) between outsied door and office door
22-D	35.6 $\mu g/100\ cm^2$	Duplicate of 22
23	51.0 $\mu g/100\ cm^2$	Driveway directly in fromt of George Moore's Office - inside building.
24	30.2 $\mu g/100\ cm^2$	Driveway N-s in warehouse near office.
28	124.3 $\mu g/100\ cm^2$	East corridor
29	122.0 $\mu g/100\ cm^2$	West corridor
30	89.0 $\mu g/100\ cm^2$	Southern most corridor (E-W) drive area.
43	78 ppm	Dust sample (1170 ppm Pb) ; (573 ppm Cr); (51.3 ppm As)
52	29 $\mu g/100\ cm^2$	South (E-W) corridor, just north of Pump Room.
53	2460 $\mu g/100\ cm^2$	Central (N-S) corridor north end. North of pump room
54	909 $\mu g/100\ cm^2$	NE end - east corridor north of pump room.
55	1500 ppm	Dust north end. North of pump room.
59	442 $\mu g/100\ cm^2$	Floor under stairs by pump room. Stained area.
69	365 $\mu g/100\ cm^2$	Loading dock south side of building.

DATA TABLE

CARTER CARBURATOR

2nd FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
31	51.5 µg/100 cm^2	North end corridor. East warehouse.
32	8.8 µg/100 cm^2	South end corridor. East warehouse.
33	42.1 µg/100 cm^2	South end concourse area. West warehouse.
34	3.9 µg/100 cm^2	North concourse area. West building
46	8.9 ppm	Dust

DATA TABLE

CARTER CARBURATOR

3rd FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
35	20.0 µg/100 cm^2	East corridor north.
36	38.6 µg/100 cm^2	East corridor south
37	102.0 µg/100 cm^2	South concourse areas.
38	141.0 µg/100 cm^2	North concourse areas.

DATA TABLE

CARTER CARBURATOR

4th FLOOR CBI BUILDING

SAMPLE #	RESULTS	COMMENTS
39	21.4 µg/100 cm^2	South rooms - floor
40	ND	East or main room - floor
41	4.2 µg/100 cm^2	North end locker room area
44	16.9 µg/100 cm^2	Floor - west central

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING - CAGED AREA

SAMPLE #	RESULTS	COMMENTS
26	72.0 µg/100 cm^2	Caged storage area.

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING - STAZP RECYCLING

SAMPLE #	RESULTS	COMMENTS
27	21.0 µg/100 cm^2	West storage area.

DATA TABLE

CARTER CARBURATOR

1st FLOOR CBI BUILDING - GEORGE MOORE'S OFFICE

SAMPLE #	RESULTS	COMMENTS
22	27.2 μg/100 cm^2	Floor outside office (4 X 25cm^2 wipes) between door and office .
22 - D	35.6 μg/100 cm^2	Duplicate sample of 22.
23	51.0 μg/100 cm^2	Driveway directly in front of office.
24	30.2 μg/100 cm^2	Driveway N-S in warehouse near office.
25	7.1 μg/100 cm^2	Floor wipe from inside office.

DATA TABLE

CARTER CARBURATOR

MAC'S AUTO SHOP

SAMPLE #	RESULTS	COMMENTS
18	4.8 μg/100 cm^2	Floor SW corner.
19	18.5 μg/100 cm^2	East room - floor wipe
20	ND	East room wall 5' high.
21	3.6 μg/100 cm^2	Shelves and desk tops.

DATA TABLE

CARTER CARBURATOR

LRA BUILDING

SAMPLE #	RESULTS	COMMENTS
60	33.1 $\mu g/100\ cm^2$	South end open area
61	136 $\mu g/100\ cm^2$	Center just south of die cast area
62	136000 $\mu g/100\ cm^2$	Stained area near transformer (32 gal) on floor - north die cast area
63	3300 ppm	Solids from machine mounting pad areas in south die cast area.
65	28400 $\mu g/100\ cm^2$	Stained area, north die cast room northwest protion of room.
66	61 $\mu g/l$	Water from sump - north die cast area
67	1600 ppm	Soil from north parking lot.
68	ND	Drum lableed '64' on norht parking lot.

DATA TABLE

CARTER CARBURATOR

Maintance Control Co. Inc.

SAMPLE #	RESULTS	COMMENTS
47	887 $\mu g/100\ cm^2$	Metal frabication area - stairway room N end, oily residue on floor.
48	21.1 $\mu g/100\ cm^2$	Floor east corridor
49	27.8 $\mu g/100\ cm^2$	Floor central corridor
50	23.2 $\mu g/100\ cm^2$	Floor south corridor, production area
51	1.3 $\mu g/100\ cm^2$	Main/front office
57	3.8 $\mu g/100\ cm^2$	Coffee room & back office floor
58	64.4 $\mu g/100\ cm^2$	Floor near doorway between betal shop & N end of common area. (drive through door)

DATA TABLE

CARTER CARBURATOR

Wilco Plastics

SAMPLE #	RESULTS	COMMENTS
11	ND	Sample from dust on wood crates SE corner.
12	ND	Sample from floor S. corridor
13	ND	West corridor - floor.
14	ND	North wall.
15	ND	Dust on overhead light fixtures
16	5.64 $\mu g/100\ cm^2$	Floor east corridor
17	2.4 $\mu g/100\ cm^2$	Desk surfaces - south corridor
42	- -	Not sampled for PCBs but high in Pb (2070 ppm); Cr (387); floor sample
45	0.52 $\mu g/100\ cm^2$	Desk south end etc.